

**AMENDMENTS TO THE CLAIMS**

1. (Previously presented) Seed of soybean cultivar designated S52-U3 representative seed of said soybean cultivar having been deposited under ATCC Accession No: PTA-5164.

2. (Previously presented) A soybean plant, or a part thereof, produced by growing the seed of claim 1.

3. (Original) Pollen of the plant of claim 2.

4. (Original) An ovule of the plant of claim 2.

5. (Previously presented) A soybean plant, or parts thereof, having all the physiological and morphological characteristics of the plant according to claim 2.

6-7. (Canceled)

8. (Previously presented) Seeds produced by growing the plant according to claim 2 or 5.

9-13. (Canceled)

14. (Previously presented) A tissue culture of regenerable cells of the soybean plant according to claim 2 or 5.

15. (Canceled)

16. (Currently amended) The tissue culture according to claim 14, wherein the cells of said tissue culture are from a plant part selected from the group consisting of a leaf, a pollen, an embryo, a root, a flower, a seed, a pod, and a stem.

17. (Previously presented) A method for producing a soybean seed comprising crossing a first parent soybean plant with a second parent soybean plant and harvesting the resultant soybean seed, wherein said first or second parent soybean plant is the soybean plant according to claim 2

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